



## STATE OF NEW MEXICO

## ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

June 7, 1989

Mobil Exploration & Producing U.S., Inc.  
P.O. Box 633  
Midland, TX 79702

Attention: M.E. Sweeney

RE: Injection Pressure Increase  
North Vacuum Abo East Unit  
Lea County, New Mexico

Dear Mr. Sweeney:

Reference is made to your request dated May 12, 1989, to increase the surface injection pressure on two wells within the North Vacuum Abo East Unit Waterflood Project. This request is based on step rate tests conducted on these wells during April 25-26, 1989. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells.

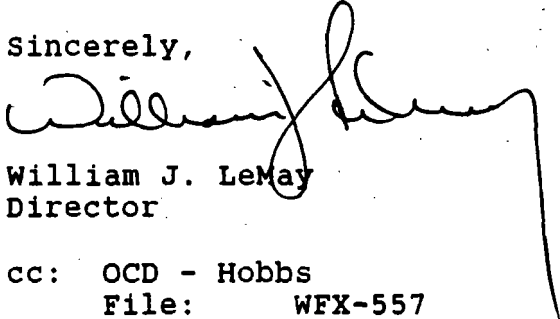
<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
N. Vacuum Abo East Unit Well No. 2 Unit J, Section 7, T-17 South, R-35 East, NMPM; and	3990 PSIG
N. Vacuum Abo East Unit Well No. 5 Unit B, Section 18, T-17 South, R-35 East, NMPM,	3325 PSIG

Both in Lea County, New Mexico.

Injection Pressure Increase  
Mobil Exploration and Producing, U.S., Inc.  
June 7, 1989  
Page 2

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,



William J. LeMay  
Director

cc: OCD - Hobbs  
File: WFX-557  
T. Gallegos  
~~D. Catanach~~